

Welcome to PMAPS2006

It is a great pleasure to welcome you to the 9th *International Conference on Probabilistic Methods Applied to Power Systems (PMAPS2006)*! PMAPS2006 will be held in Stockholm at KTH (Royal Institute of Technology) during 11–15 June 2006.

PMAPS is the world leading conference for presenting the latest results, and exchanging experience within the topic of applying probabilistic methods for power systems. It has since the first conference in Toronto 1986, taken place every second and third year in various places including Europe, North America and South America.

The PMAPS topics involve risk based methods to foresee and handle unknown events. Operation, planning and maintenance of the power system always contain uncertainties that need to be handled, e.g. power line failures or suddenly increased load during cold weather. The need for these risk based methods have got even more in focus due to the several recent events leading to blackouts e.g. in Italy, North America and Sweden. The de-regulation and alternative energy production have also lead to new needs and requirements for risk based methods.

PMAPS2006 offers an extensive program including; two plenary sessions giving an overview of the PMAPS topics and showing on future possibilities and challenges, ~200 per-reviewed papers divided into five parallel paper tracks including a number of invited papers within special themes (all these papers are available on-line for registered participants prior to the conference, and handed out on a CD at the conference), six different workshops on actual topics, technical tours at Fortum Distribution, Vattenfall and the Swedish National Grid, three alternative tutorials for further learning, an exhibition hall and a social program. The social program provide some highlights from summer Stockholm like the welcome dinner on the Monday at *Spårvagnshallarna*, and lunch at the *City hall* following a dinner cruise at the lake *Mälaren* on the Wednesday. The full program is available to load down from the conference web site at www.pmaps2006.org. The conference homepage provides all information about PMAPS2006; before, during and after the venue. Finally, most important of all PMAPS2006 will provide a meeting forum for the up to 300 participants from around 40 different countries, to share and exchange knowledge and interest in the PMAPS topics!

Welcome to join us!

Lina Bertling
General chair PMAPS2006
June 3, 2006, Stockholm, Sweden

PMAPS has a technical co-sponsorship with IEEE.